OIPE   0200

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| This Raw Listing contains the General Information | ρ5
| Section and up to first 5 pages. |
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    1   <110> APPLICANT: Hinrichs, Steven H.
    2   <120> TITLE OF INVENTION: Methods and Compositions for Modulation of
    3   Transcription Factor Activity
    4   <130> FILE REFERENCE: N1374007
    5   <140> CURRENT APPLICATION NUMBER: US/09/519,665
    6   <141> CURRENT FILING DATE: 2000-03-06
    7   <150> EARLIER APPLICATION NUMBER: 08/210880
    8   <151> EARLIER FILING DATE: 1994-03-18   **ENTERED**
    9   <150> EARLIER APPLICATION NUMBER: 08/881800
   10   <151> EARLIER FILING DATE: 1997-06-24
   11   <160> NUMBER OF SEQ ID NOS: 13
   12   <170> SOFTWARE: PatentIn Ver. 2.1
   13   <210> SEQ ID NO 1
   14   <211> LENGTH: 271
   15   <212> TYPE: PRT
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   21   20   25   30
   22   Ser Ser Leu Ser Glu Ser Glu Glu Ser Gln Asp Ser Ser Asp Ser Ile
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   24   Gly Ser Ser Gln Lys Ala His Gly Ile Leu Ala Arg Arg Pro Ser Tyr
   25   50   55   60
   26   Arg Lys Ile Leu Lys Asp Leu Ser Ser Glu Asp Thr Arg Gly Arg Lys
   27   65   70   75   80
   28   Gly Asp Gly Glu Asn Ser Gly Val Ser Ala Ala Val Thr Ser Met Ser
   29   85   90   95
   30   Val Pro Thr Pro Ile Tyr Gln Thr Ser Ser Gly Gln Tyr Ile Ala Ile
   31   100   105   110
   32   Ala Pro Asn Gly Ala Leu Gln Leu Ala Ser Pro Gly Thr Asp Gly Val
   33   115   120   125
   34   Gln Gly Leu Gln Thr Leu Thr Met Thr Asn Ser Gly Ser Thr Gln Gln
   35   130   135   140
   36   Gly Thr Thr Ile Leu Gln Tyr Ala Gln Thr Ser Asp Gly Gln Gln Ile
   37   145   150   155   160
   38   Leu Val Pro Ser Asn Gln Val Val Val Gln Thr Ala Ser Gly Asp Met
   39   165   170   175
   40   Gln Thr Tyr Gln Ile Arg Thr Thr Pro Ser Ala Thr Ser Leu Pro Gln
   41   180   185   190
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   43   195   200   205
   44   Thr Asp Asp Pro Gln Leu Lys Arg Glu Ile Arg Leu Met Lys Asn Arg

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47         225               230                235                240
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60                     20                25                30
61         Ile Ala Thr Leu Ala Gln Val Ser Met Pro Ala Ala His Ala Thr Ser
62                     35                40                45
63         Ser Ala Pro Thr Val Thr Leu Val Gln Leu Pro Asn Gly Gln Thr Val
64                50                55                60
65         Gln Val His Gly Val Ile Gln Ala Ala Gln Pro Ser Val Ile Gln Ser
66           65                70                75                80
67         Pro Gln Val Gln Thr Val Gln Ser Ser Cys Lys Asp Leu Lys Arg Leu
68                     85                90                95
69         Phe Ser Gly Thr Gln Ile Ser Thr Ile Ala Glu Ser Glu Asp Ser Gln
70                     100               105               110
71         Glu Ser Val Asp Ser Val Thr Asp Ser Gln Lys Arg Arg Glu Ile Leu
72                     115               120               125
73         Ser Arg Arg Pro Ser Tyr Arg Lys Ile Leu Asn Asp Leu Ser Ser Asp
74                130               135               140
75         Ala Pro Gly Val Pro Arg Ile Glu Glu Glu Lys Ser Glu Glu Glu Thr
76         145               150               155               160
77         Ser Ala Pro Ala Ile Thr Thr Val Thr Val Pro Thr Pro Ile Tyr Gln
78                     165               170               175
79         Thr Ser Ser Gly Gln Tyr Ile Ala Ile Thr Gln Gly Gly Ala Ile Gln
80                     180               185               190
81         Leu Ala Asn Asn Gly Thr Asp Gly Val Gln Gly Leu Gln Thr Leu Thr
82                195               200               205
83         Met Thr Asn Ala Ala Ala Thr Gln Pro Gly Thr Thr Ile Leu Gln Tyr
84                210               215               220
85         Ala Gln Thr Thr Asp Gly Gln Gln Ile Leu Val Pro Ser Asn Gln Val
86         225               230               235               240
87         Val Val Gln Ala Ala Ser Gly Asp Val Gln Thr Tyr Gln Ile Arg Thr
88                     245               250               255
89         Ala Pro Thr Ser Thr Ile Ala Pro Gly Val Val Met Ala Ser Ser Pro
90                260               265               270
91         Ala Leu Pro Thr Gln Pro Ala Glu Glu Ala Ala Arg Lys Arg Glu Val
92                275               280               285
93         Arg Leu Met Lys Asn Arg Glu Ala Ala Arg Glu Cys Arg Arg Lys Lys
94                290               295               300
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 96        305                 310                 315                 320
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109                        20                  25                  30
110        Thr Ser Thr Ala Lys Pro Met Val Gly Gln Leu Ile Phe Asp Lys Phe
111                        35                  40                  45
112        Ile Lys Thr Glu Glu Asp Pro Ile Ile Lys Gln Asp Thr Pro Ser Asn
113                    50                  55                  60
114        Leu Asp Phe Asp Phe Ala Leu Pro Gln Thr Ala Thr Ala Pro Asp Ala
115         65                  70                  75                  80
116        Lys Thr Val Leu Pro Ile Pro Glu Leu Asp Asp Ala Val Val Glu Ser
117                        85                  90                  95
118        Phe Phe Ser Ser Ser Thr Asp Ser Thr Pro Met Phe Glu Tyr Glu Asn
119                        100                 105                 110
120        Leu Glu Asp Asn Ser Lys Glu Trp Thr Ser Leu Phe Asp Asn Asp Ile
121                        115                 120                 125
122        Pro Val Thr Thr Asp Asp Val Ser Leu Ala Asp Lys Ala Ile Glu Ser
123                    130                 135                 140
124        Thr Glu Glu Val Ser Leu Val Pro Ser Asn Leu Glu Val Ser Thr Thr
125        145                 150                 155                 160
126        Ser Phe Leu Pro Thr Pro Val Leu Glu Asp Ala Lys Leu Thr Gln Thr
127                        165                 170                 175
128        Arg Lys Val Lys Lys Pro Asn Ser Val Val Lys Lys Ser His His Val
129                        180                 185                 190
130        Gly Lys Asp Asp Glu Ser Arg Leu Asp His Leu Gly Val Val Ala Tyr
131                    195                 200                 205
132        Asn Arg Lys Gln Arg Ser Ile Pro Leu Ser Pro Ile Val Pro Glu Ile
133                    210                 215                 220
134        Asp Asp Pro Ala Ala Leu Lys Arg Ala Arg Asn Thr Glu Ala Ala Arg
135        225                 230                 235                 240
136        Arg Ser Arg Ala Arg Lys Leu Gln Arg Met Lys Gln Leu Glu Asp Lys
137                        245                 250                 255
138        Val Glu Glu Leu Leu Ser Lys Asn Tyr His Leu Glu Asn Glu Val Ala
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178                          20                  25                  30
179          Gly Met His Trp Val Arg Gln Ala Pro Glu Lys Gly Leu Glu Trp Val
180                      35                  40                  45
181          Ala Tyr Ile Ser Ser Gly Ser Ser Thr Leu His Tyr Ala Asp Thr Val
182                  50                  55                  60
183          Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Pro Lys Asn Thr Leu Phe
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196          Ser Cys Lys Ala Ser Gln Ser Val Asp Tyr Asp Gly Asp Ser Tyr Met
197                          20              25              30
198          Asn Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile Phe
199                      35              40              45
200          Gly Ala Ser Asn Leu Glu Ser Gly Ile Pro Ala Arg Phe Thr Gly Ser
201                  50              55              60
202          Gly Ser Gly Thr Asp Phe Thr Leu Asn Ile His Pro Val Glu Glu Glu
203                  65              70              75                  80
204          Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Ser Asn Glu Asp Pro Phe Thr
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225   <221> NAME/KEY: SITE
226   <222> LOCATION: (1)
227   <223> OTHER INFORMATION: This is an acidic amino acid.
228   <220> FEATURE:
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231   <223> OTHER INFORMATION: This is an acidic amino acid.
232   <220> FEATURE:
233   <221> NAME/KEY: SITE
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235   <223> OTHER INFORMATION: Positions 3-5 represent a total of 2 or 3 amino
236         acid residues and these can be any amino acid
237         residues.
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241   <223> OTHER INFORMATION: This amino acid is either leucine or arginine.
242   <220> FEATURE:
243   <221> NAME/KEY: SITE
244   <222> LOCATION: (9)..(10)
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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220> to
<223> fields of each sequence which presents at least one n or Xaa.

Input Set: **I519665.RAW**

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291	W	"N" or "Xaa" used: Feature required	Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa X
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353	W	"N" or "Xaa" used: Feature required	Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa X
355	W	"N" or "Xaa" used: Feature required	Xaa Xaa Xaa Asn Xaa Xaa Ala Arg Xaa Arg L